

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 40280-198096

First Inventor Liebrecht VENTER

Title DETERMINING THE DIELECTRIC PROPERTIES OF WOOD

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 55 ]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings ( if filed )  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C.113) [Total Sheets 7 ]
5. Oath or Declaration [Total Pages 4 ]  
a. ☐ Newly executed (original or copy)  
b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76
- 6a. ☒ Priority is claimed under the provisions of 35 U.S.C. § 119  
Appln No. PCT/US96/03604 filed in USA/RO on 3/14/96  
Appln No. 95/2126 filed in South Africa on 3/15/95

**ADDRESS TO:**Commissioner for Patents  
Box Patent Application  
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 10/ 134,396

Prior application information: Examiner A.K. Deb

Group / Art Unit: 2858

For **CONTINUATION** or **DIVISIONAL** APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation **can only** be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**20. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

26694

PATENT TRADEMARK OFFICE

or ☐ Correspondence address below

|         |                |           |              |          |              |
|---------|----------------|-----------|--------------|----------|--------------|
| Name    | VENABLE        |           |              |          |              |
| Address | P.O. Box 34385 |           |              |          |              |
| City    | Washington     | State     | D.C.         | Zip Code | 20043-9998   |
| Country | U.S.A          | Telephone | 202-344-4000 | Fax      | 202-344-8300 |

|                   |                  |                                   |        |
|-------------------|------------------|-----------------------------------|--------|
| Name (Print/Type) | Andrew C. Aitken | Registration No. (Attorney/Agent) | 36,729 |
| Signature         |                  |                                   | Date   |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2003**

Patent fees are subject to annual revision.

**Complete if Known**

|                      |                  |
|----------------------|------------------|
| Application Number   | to be assigned   |
| Filing Date          | concurrently     |
| First Named Inventor | Liebrecht VENTER |
| Examiner Name        |                  |
| Group / Art Unit     |                  |
| Attorney Docket No.  | 40280-198096     |

**TOTAL AMOUNT OF PAYMENT (\$)** 780**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

22-0261

Deposit  
Account  
Name

Venable LLP

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17
- 
- ☒
- Applicant claims small entity status.
- 
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

☒ Check    ☐ Credit card    ☐ Money Order    ☐ Other
**FEE CALCULATION****1. BASIC FILING FEE**

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description        | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 1001                 | 770                   | 2001                 | 385                   | Utility filing fee     | 385      |
| 1002                 | 340                   | 2002                 | 170                   | Design filing fee      |          |
| 1003                 | 530                   | 2003                 | 265                   | Plant filing fee       |          |
| 1004                 | 770                   | 2004                 | 385                   | Reissue filing fee     |          |
| 1005                 | 160                   | 2005                 | 80                    | Provisional filing fee |          |

**SUBTOTAL (1)**

(\$) 385

**2. EXTRA CLAIM FEES**

| Total Claims          | Extra<br>Claims | Fee from<br>below | Fee Paid |
|-----------------------|-----------------|-------------------|----------|
| 40                    | -20 **          | 20                | 180      |
| 8                     | -3 **           | 5                 | 215      |
| Multiple<br>Dependent |                 |                   | 0        |

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description  |
|----------------------|-----------------------|----------------------|-----------------------|--|
| 1202                 | 18                    | 2202                 | 9                     | Claims in excess of 20                                     |
| 1201                 | 86                    | 2201                 | 43                    | Independent claims in excess of 3                          |
| 1203                 | 290                   | 2204                 | 145                   | Multiple dependent claim, if not paid                      |
| 1204                 | 86                    | 2204                 | 43                    | ** Reissue independent claims over original patent         |
| 1205                 | 18                    | 2205                 | 9                     | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)**

(\$) 395

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)**

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description  | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|--|----------|
| 1051                 | 130                   | 2051                 | 65                    | Surcharge - late filing fee or oath  |          |
| 1052                 | 50                    | 2052                 | 25                    | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053                 | 130                   | 1053                 | 130                   | Non-English specification  |          |
| 1812                 | 2,520                 | 1812                 | 2,520                 | For filing a request for reexamination                                     |          |
| 1804                 | 920*                  | 1804                 | 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 1805                 | 1,840*                | 1805                 | 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 1251                 | 110                   | 2215                 | 55                    | Extension for reply within first month                                     |          |
| 1252                 | 420                   | 2252                 | 210                   | Extension for reply within second month                                    |          |
| 1253                 | 950                   | 2253                 | 475                   | Extension for reply within third month                                     |          |
| 1254                 | 1,480                 | 2254                 | 740                   | Extension for reply within fourth month.                                   |          |
| 1255                 | 2010                  | 2255                 | 1005                  | Extension for reply within fifth month                                     |          |
| 1401                 | 330                   | 2401                 | 165                   | Notice of Appeal   |          |
| 1402                 | 330                   | 2402                 | 165                   | Filing a brief in support of an appeal                                     |          |
| 1403                 | 290                   | 2403                 | 145                   | Request for oral hearing   |          |
| 1451                 | 1,510                 | 1451                 | 1,510                 | Petition to institute a public use proceeding                              |          |
| 1452                 | 110                   | 2452                 | 55                    | Petition to revive - unavoidable   |          |
| 1453                 | 1,330                 | 2453                 | 665                   | Petition to revive - unintentional   |          |
| 1501                 | 1,330                 | 2501                 | 665                   | Utility issue fee (or reissue)   |          |
| 1502                 | 480                   | 2502                 | 240                   | Design issue fee   |          |
| 1503                 | 640                   | 25403                | 320                   | Plant issue fee  |          |
| 1460                 | 130                   | 1460                 | 130                   | Petitions to the Commissioner  |          |
| 1807                 | 50                    | 1807                 | 50                    | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 1808                 | 180                   | 1808                 | 180                   | Submission of Information Disclosure Stmt                                  |          |
| 8021                 | 40                    | 8021                 | 40                    | Recording each patent assignment per property (times number of properties) |          |
| 1809                 | 770                   | 2809                 | 385                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810                 | 770                   | 2810                 | 385                   | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801                 | 770                   | 2801                 | 385                   | Request for Continued Examination (RCE)                                    |          |
| 1802                 | 900                   | 1802                 | 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$) 0

**SUBMITTED BY****Complete (if applicable)**

|                   |                                  |                                  |        |           |              |
|-------------------|----------------------------------|----------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Andrew C. Aitken                 | Registration No. Attorney/Agent) | 36,729 | Telephone | 202 344 8000 |
| Signature         | <i>Andrew C. Aitken</i> 12/17/03 |                                  |        | Date      |              |

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SEND TO: Commissioner for Patents, Mail Stop Patent Application, Alexandria, VA 22313-1450.

**VENABLE**  
ATTORNEYS AT LAW

PC Docs No. 509807

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